## **EAST Search History**

## EAST Search History (Prior Art)

| Ref# | Hits | Search Query                                                                                                                                                                                              | DBs                       | Default<br>Operator | Plurals | Time Stamp          |  |
|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------|---------|---------------------|--|
| L1   | 5335 | 427/391,395,411.cdls. or<br>428/537.5.cdls. or<br>162/134,135,137.cdls.                                                                                                                                   | US-PGPUB;<br>USPAT; USOOR | OR                  | ON      | 2010/05/03<br>11:45 |  |
| L2   | 4320 | 1 and (paper or<br>paperboard or paper-<br>board or cardboard or<br>card-board or bristol or<br>bristolboard or bristol-<br>board)                                                                        | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2010/05/03          |  |
| L3   | 74   | 1 and ((barrier or holdout<br>or hold-out or shield\$4)<br>with starch)                                                                                                                                   | US-PGPUB;<br>USPAT; USOOR | OR                  | ON      | 2010/05/03<br>11:46 |  |
| L4   | 53   | 1 and ((ink or imag\$4 or<br>print\$4) with (biocid\$4 or<br>antibacter\$5 or anti-bacter<br>\$5 or antimicrob\$5 or anti-<br>microb\$5 or antisept\$4 or<br>busan or polyphase or<br>micryl or vj2180n)) | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2010/05/03          |  |
| L5   | 629  | 1 and (starch with (sizing<br>or size or size))                                                                                                                                                           | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2010/05/03<br>11:49 |  |
| L6   | 2    | 2 and 3 and 4 and 5                                                                                                                                                                                       | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2010/05/03<br>11:49 |  |
| S1   | 7456 | 427/389.9-392,394-<br>396,411.ccls. or 428/537.5.<br>ccls.                                                                                                                                                | US-PGPUB;<br>USPAT; USOOR | OR                  | ON      | 2008/07/31<br>12:18 |  |
| S2   | 4020 | St and (paper or<br>paperboard or paper-<br>board or cardboard or<br>card-board or bristol or<br>bristolboard or bristol-<br>board)                                                                       | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2008/07/31<br>12:21 |  |
| S3   | 50   | S1 and ((barrier or holdout<br>or hold-out or shield) with<br>starch)                                                                                                                                     | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2008/07/31<br>12:22 |  |
| S4   | 42   | S1 and ((ink or imag\$4 or<br>print\$4) with (biocid\$4 or<br>antibacterial or anti-<br>bacterial or antmicrobial or<br>anti-microbial or antisept<br>\$4))                                               | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2008/07/31<br>12:24 |  |

| S5  | 42     | St and ((ink or imag\$4 or<br>print\$4) with (biocid\$4 or<br>antibacterial or anti-<br>bacterial or antimicrobial or<br>anti-microbial or antisept<br>\$4 or busan or polyphase<br>or micryl or vj2180n)) | US-PGPUB;<br>USPAT; USOCR                                               | OR | SON            | 2008/07/31<br>12:25 |
|-----|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----|----------------|---------------------|
| S6  | 1      | S2 and S3 and S4                                                                                                                                                                                           | US-PGPUB;<br>USPAT; USOCR                                               | OR | ON             | 2008/07/31<br>12:25 |
| S7  | 128    | S1 and cobb                                                                                                                                                                                                | US-PGPUB;<br>USPAT; USOCR                                               | OR | ON             | 2008/07/31<br>12:26 |
| S8  | 9      | S2 and S3 and S7                                                                                                                                                                                           | US-PGPUB;<br>USPAT; USOCR                                               | OR | ON             | 2008/07/31<br>12:26 |
| S9  | 8      | S8 not S6                                                                                                                                                                                                  | US-PGPUB;<br>USPAT; USOCR                                               | OR | ON             | 2008/07/31<br>12:27 |
| S10 | 7      | S9 and (print\$4 or ink)                                                                                                                                                                                   | US-PGPUB;<br>USPAT; USOCR                                               | OR | ON             | 2008/07/31<br>12:32 |
| S11 | 1274   | ((ink or imag\$4 or print\$4)<br>with (biocid\$4 or<br>antibacterial or anti-<br>bacterial or antmicrobial or<br>anti-microbial or antisept<br>\$4))                                                       | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                               | OR | JON<br>Hilling | 2008/07/31<br>12:52 |
| S12 | 727978 | (paper or paperboard or<br>paper-board or cardboard<br>or card-board or bristol or<br>bristolboard or bristol-<br>board)                                                                                   | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                               | OR | ON             | 2008/07/31<br>12:53 |
| S13 | 230    | ((barrier or holdout or<br>hold-out or shield) with<br>starch)                                                                                                                                             | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                               | OR | ON             | 2008/07/31<br>12:53 |
| S14 | 0      | S11 and S12 and S13                                                                                                                                                                                        | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                               | OR | ON             | 2008/07/31<br>12:53 |
| S15 | 84053  | starch                                                                                                                                                                                                     | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                               | OR | ON             | 2008/07/31<br>12:53 |
| S16 | 29     | S11 and S12 and S15                                                                                                                                                                                        | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                               | OR | ON             | 2008/07/31<br>12:54 |
| S17 | 196    | (("3-iodo-2-propynyl<br>butylcarbamate") or ("3-<br>iodo-2-propynyl n-<br>butylcarbamate"))                                                                                                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON             | 2008/07/31<br>13:16 |

| S18 | 82  | \$17 and (paper or<br>paperboard or paper-<br>board or cardboard or<br>card-board or bristol or<br>bristolboard or bristol-<br>board)                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/31<br>13:17 |
|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----|----|---------------------|
| S19 | 9   | \$18 and (ink or imag\$4 or print\$4)                                                                                                                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/31<br>13:17 |
| S20 | 744 | (("3-iodo-2-propynyl<br>butylcarbamate") or ("3-<br>iodo-2-propynyl n-<br>butylcarbamate") or<br>\$4lodopropargyl)                                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/31<br>13:22 |
| S21 | 317 | \$20 and (paper or<br>paperboard or paper-<br>board or cardboard or<br>card-board or bristol or<br>bristolboard or bristol-<br>board)                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OZ | 2008/07/31<br>13:22 |
| S22 | 31  | ((ink or imag\$4 or print\$4)<br>with (biocid\$4 or<br>antibacterial or anti-<br>bacterial or antmicrobial or<br>anti-microbial or antisept<br>\$4)) and \$20 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/31<br>13:23 |
| S23 | 0   | ((barrier or holdout or<br>hold-out or shield) with<br>starch) and S20                                                                                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/31<br>13:24 |
| S24 | 166 | S20 and starch                                                                                                                                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/31<br>13:24 |
| S25 | 10  | \$21 and \$22 and \$24                                                                                                                                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/31<br>13:25 |
| S26 | 2   | *6299303*.pn.                                                                                                                                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/07/31<br>14:49 |

| S27 | 0 | \$26 and (starch and (biocid<br>\$4 or antibacterial or anti-<br>bacterial or antmicrobial or<br>anti-microbial or antisept<br>\$4 or busan or polyphase<br>or micryl or vj2180n))      | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2008/07/31<br>14:50 |
|-----|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----|----|---------------------|
| S28 | 1 | "20060233957".pn.                                                                                                                                                                       | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2008/07/31<br>15:19 |
| S29 | 1 | \$28 and (synthetic or<br>natural or organic or<br>inorganic)                                                                                                                           | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2008/07/31<br>15:20 |
| S30 | 3 | ("4210685" or "6521088"<br>or "6846529").pn.                                                                                                                                            | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2008/08/01<br>15:44 |
| S31 | 0 | \$30 and ((ink or imag\$4 or print\$4) with (biocid\$4 or antibacterial or antibacterial or antibacterial or antimicrobial or antisept \$4 or busan or polyphase or micryl or vj2180n)) | US-PGPUB; OR<br>USPAT; USOCR |    | ON | 2008/08/01<br>15:44 |
| S32 | 0 | S30 and (biocid\$4 or<br>antibacterial or anti-<br>bacterial or antmicrobial or<br>anti-microbial or antisept<br>\$4 or busan or polyphase<br>or micryl or vj2180n)                     | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2008/08/01<br>15:45 |
| S33 | 1 | "20040084163".pn.                                                                                                                                                                       | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2008/08/01<br>15:48 |
| S34 | 1 | S33 and (contact\$4 or<br>penetrat\$6 or adsorb\$6 or<br>one or two)                                                                                                                    | US-PGPUB;<br>USPAT; USOOR    | OR | ON | 2008/08/01<br>15:50 |
| S35 | 1 | S33 and (acrylic or silica or<br>clay or polyvinyl)                                                                                                                                     | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2008/08/01<br>15:53 |
| S36 | 1 | "20040084163".pn.                                                                                                                                                                       | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/02/08<br>18:31 |
| S37 | 1 | S36 and uncoated                                                                                                                                                                        | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/02/08<br>18:31 |
| S38 | 1 | "20040084163".pn.                                                                                                                                                                       | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/05/30<br>17:21 |
| S39 | 1 | S38 and (uncoated or year)                                                                                                                                                              | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/05/30<br>17:22 |
| S40 | 1 | S38 and (longterm or long-<br>term or (long adj term))                                                                                                                                  | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/05/30<br>17:25 |
| S41 | 1 | "20040084163".pn.                                                                                                                                                                       | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/05/31<br>18:18 |
| S42 | 1 | S41 and (two or least or surface)                                                                                                                                                       | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/05/31<br>18:19 |
| S43 | 1 | "20040084163".pn.                                                                                                                                                                       | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/09/09<br>13:15 |
| S44 | 1 | S43 and (year or number<br>or long)                                                                                                                                                     | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/09/09<br>13:16 |

| S45 | 350337 | "427".clas. or "428".clas.                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/09/09<br>14:08 |
|-----|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----|----|---------------------|
| S46 | 84825  | S45 and (paper or<br>paperboard or paper-<br>board or cardboard or<br>card-board or bristol or<br>bristolboard or bristol-<br>board)                                                                                                                    | US-PGPUB;<br>USPAT; USOCR    | OR | N  | 2009/09/09<br>14:09 |
| S47 | 296    | S45 and ((barrier or<br>holdout or hold-out or<br>shield\$4) with starch)                                                                                                                                                                               | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/09/09<br>14:10 |
| S48 | 1022   | S45 and ((ink or imag\$4 or print\$4) with (blocid\$4 or antibacter\$4 or anti-bacter \$4 or anti-bacter s4 or antimicrobial or antisept\$4 or busan or polyphase or micryl or vj2180n))                                                                | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/09/09          |
| S49 | 3      | S46 and S47 and S48                                                                                                                                                                                                                                     | US-PGPUB; OR<br>USPAT; USOCR |    | ON | 2009/09/09<br>14:12 |
| S50 | 1118   | \$45 and ((ink or imag\$4 or print\$4) with (biocid\$4 or anti-bacter \$4 or anti-bacter \$4 or anti-bacter \$4 or antimicrob\$ or antimicrobial or antisept\$4 or biocid\$4 or bacteric\$6 or busan or polyphase or micryl or vj2180 or \$10carbamate) | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/09/09<br>14:16 |
| S51 | 3      | S46 and S47 and S50                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/09/09<br>14:16 |
| S52 | 0      | S51 not S49                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/09/09<br>14:16 |
| S53 | 386798 | "427".clas. or "428".clas.<br>or "162".clas.                                                                                                                                                                                                            | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/09/09<br>14:18 |
| S54 | 106020 | SS3 and (paper or<br>paperboard or paper-<br>board or cardboard or<br>card-board or bristol or<br>bristolboard or bristol-<br>board)                                                                                                                    | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/09/09<br>14:18 |
| S55 | 367    | S53 and ((barrier or<br>holdout or hold-out or<br>shield\$4) with starch)                                                                                                                                                                               | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/09/09<br>14:18 |
| S56 |        |                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT; USOCR    | OR | ON | 2009/09/09<br>14:19 |

| S57 | 4       | S54 and S55 and S56                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/09<br>14:19 |
|-----|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----|----|---------------------|
| S58 | 1       | S57 not S49                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/09<br>14:19 |
| S59 | 1105921 | (paper or paperboard or<br>paper-board or cardboard<br>or card-board or bristol or<br>bristolboard or bristol-<br>board)                                                                                                                        | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/09<br>14:20 |
| S60 | 1355    | ((barrier or holdout or<br>hold-out or shield\$4) with<br>starch)                                                                                                                                                                               | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/09<br>14:20 |
| S61 | 7151    | (((ink or imag\$4 or print\$4) with (blocid\$4 or antibacter \$4 or anti-bacter\$4 or anti-bacter\$4 or anti-microb\$ or anti-microbia or antisept\$4 or blocid\$4 or bacteric\$5 or busan or polyphase or micryl or vj2180n or \$10carbamate)) | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/09<br>14:20 |
| S62 | 8       | S59 and S60 and S61                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/09<br>14:21 |
| S63 | 4       | S62 not S57                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/09<br>14:21 |
| S64 | 771013  | (paper or paperboard or<br>paper-board or cardboard<br>or card-board or bristol or<br>bristolboard or bristol-<br>board)                                                                                                                        | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/09<br>14:24 |
| S65 | 274     | ((barrier or holdout or<br>hold-out or shield\$4) with<br>starch)                                                                                                                                                                               | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/09<br>14:24 |
| S66 | 2257    | (((ink or imag\$4 or print\$4) with (blocid\$4 or antibacter \$4 or anti-bacter\$4 or anti-bacter\$4 or antimicrob\$ or antimicrob\$ or antimicrobial or antisept\$4 or blocid\$4 or bacteric\$5 or busan or polyphase or micryl or vi          | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | S  | 2009/09/09<br>14:24 |
| S67 | 0       | S64 and S65 and S66                                                                                                                                                                                                                             | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/09<br>14:25 |
| S68 | 3720    | ((barrier or holdout or<br>hold-out or shield\$4) same<br>starch)                                                                                                                                                                               | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/09<br>14:25 |
| S69 | 895     | S59 and S60 and S68                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/09<br>14:26 |

| S70 | 213    | ((barrier or holdout or<br>hold-out or shield\$4)<br>near20 starch)                                                                                                                                                                                    | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/09<br>14:26 |
|-----|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----|----|---------------------|
| S71 | 976    | ((barrier or holdout or<br>hold-out or shield\$4)<br>same5 starch)                                                                                                                                                                                     | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/09<br>14:28 |
| S72 | 5092   | (((ink or imag\$4 or print\$4)<br>same5 (biocid\$4 or<br>antibacter\$4 or anti-bacter<br>\$4 or antimicro\$5 or anti-<br>microbial or antisept\$4 or<br>biocid\$4 or bacteric\$6 or<br>busan or polyphase or<br>micryl or vj2180n or<br>\$10carbamate) | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/09<br>14:29 |
| S73 | 4      | S64 and S71 and S72                                                                                                                                                                                                                                    | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/09<br>14:29 |
| S74 | 1      | "5809976".pn.                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/09<br>15:11 |
| S75 | 0      | S74 and biocid\$4                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/09<br>15:11 |
| S76 | 1      | "5709976".pn.                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/09<br>15:12 |
| S77 | 1      | S76 and biocid\$4                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/09<br>15:12 |
| S78 | 387040 | "427".clas. or "428".clas.<br>or "162".clas.                                                                                                                                                                                                           | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/11<br>13:11 |
| S79 | 106079 | S78 and (paper or<br>paperboard or paper-<br>board or cardboard or<br>card-board or bristol or<br>bristolboard or bristol-<br>board)                                                                                                                   | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/11<br>13:11 |
| S80 | 595    | S78 and ((barrier or<br>holdout or hold-out or<br>shield\$4 or seal\$4) with<br>starch)                                                                                                                                                                | US-PGPUB;<br>USPAT; USOOR                 | OR | ON | 2009/09/11<br>13:12 |
| S81 | 103658 | S78 and (ink or imag\$4 or print\$4)                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/11<br>13:13 |
| S82 | 356    | S79 and S80 and S81                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/11<br>13:13 |
| S83 | 43764  | S78 and ((ink or imag\$4 or print\$4) with (receiv\$5 or recept\$6 or layer))                                                                                                                                                                          | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/11<br>13:15 |
| S84 | 181    | S79 and S80 and S83                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2009/09/11<br>13:21 |

| S85 | 1 | "5885340".pn.                                                                                                                                                                                                          | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/09/11<br>14:27 |
|-----|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|----|---------------------|
| S86 | 1 | S85 and (ink or print\$5)                                                                                                                                                                                              | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/09/11<br>14:27 |
| S87 | 1 | "6291127".pn.                                                                                                                                                                                                          | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/09/11<br>14:56 |
| S88 | 0 | S87 and (biocid\$4 or<br>antibacter\$4 or anti-bacter<br>\$4 or antimicrob\$ or anti-<br>microbial or antisept\$4 or<br>blocid\$4 or bacteric\$6 or<br>busan or polyphase or<br>micryl or y 2180n or<br>\$10carbamate) | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/09/11<br>14:58 |
| S89 | 1 | S87 and (\$4acrylic\$1 or<br>\$4acrylate\$1 or silica or<br>clay or pva or polyvinyl)                                                                                                                                  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/09/11<br>14:59 |
| S90 | 1 | "20040084163".pn.                                                                                                                                                                                                      | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2010/05/02<br>10:03 |
| S91 | 1 | \$90 and (penetrat\$6 or absorb\$6 or absorp\$6)                                                                                                                                                                       | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2010/05/02<br>10:04 |
| S92 | 1 | S90 and two                                                                                                                                                                                                            | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2010/05/02<br>10:07 |

## EAST Search History (Interference)

| Ref# | Hits | Search Query                                                                                                                                                                                                   | DBs            | Default<br>Operator | Plurals | Time Stamp       |
|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------|---------|------------------|
| L7   | 3694 | 427/391,395,411.cds. or<br>428/537.5.cds. or<br>162/134,135,137.cds.                                                                                                                                           | USPAT;<br>UPAD | OR                  | ON      | 2010/05/03 11:50 |
| L8   | 1901 | 7 and (paper or paperboard<br>or paper-board or cardboard<br>or card-board or bristol or<br>bristolboard or bristol-board).<br>clm.                                                                            | USPAT;<br>UPAD | OR                  | ON      | 2010/05/03 11:50 |
| L9   | 10   | 7 and ((barrier or holdout or hold-out or shield\$4) with starch).clm.                                                                                                                                         | USPAT;<br>UPAD | OR                  | ON      | 2010/05/03 11:51 |
| L10  | 8    | 7 and ((ink or imag\$4 or print<br>\$4) with (biocid\$4 or<br>antibacter\$5 or anti-bacter\$5<br>or antimicrob\$5 or anti-<br>microb\$5 or antisept\$4 or<br>busan or polyphase or micryl<br>or vj2180n)).ctm. | USPAT;<br>UPAD | OR                  | ON      | 2010/05/03 11:51 |
| L11  | 57   | 7 and (starch with (sizing or size or size)).clm.                                                                                                                                                              | USPAT;<br>UPAD | OR                  | ON      | 2010/05/03 11:51 |
| L12  | 1    | 8 and 9 and 10 and 11                                                                                                                                                                                          | USPAT;<br>UPAD | OR                  | ON      | 2010/05/03 11:52 |

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